

AMENDMENT

IN THE CLAIMS:

Please amend the claims to read as follows:

1. (Cancelled).
2. (Cancelled).
3. (Currently Amended) A photoelectric conversion device comprising a semiconductor and ~~an organic~~ a polymeric electrically conducting agent, ~~wherein said organic electrically conducting agent exhibits a melting temperature T_M which is lower than the operation temperature of the photoelectric conversion device~~ wherein said polymeric electrically conducting agent has a melting point temperature which is lower than the operation temperature of said photoelectric conversion device, and wherein said polymeric electrically conducting agent has a glass transition temperature T_g .
4. (Currently Amended) The photoelectric conversion device according to claim 3, ~~wherein the organic electrically conducting agent is present in an amorphous form~~ wherein the melting temperature of the polymeric electrically conducting agent is about 140°C or less.
5. (Cancelled).
6. (Cancelled).
7. (Currently Amended) The photoelectric conversion device according to claim ~~4~~ 3, wherein the ~~organic electrically conducting agent exhibits a glass transition temperature T_g is~~ about 60°C or less.
8. (Cancelled).
9. (Cancelled).

10. (Currently Amended) The photoelectric conversion device according to claim 1 3, wherein the semiconductor is sensitized with a dye.

11. (Currently Amended) The photoelectric conversion device according to claim 1 3, wherein said ~~organic~~ polymeric electrically conducting agent comprises at least one organic compound.

12. (Currently Amended) The photoelectric conversion device according to claim 11, wherein said ~~organic~~ polymeric electrically conducting agent comprises a mixture of at least two organic compounds.

13. (Currently Amended) The photoelectric conversion device according to claim 11, wherein said ~~organic~~ polymeric electrically conducting agent further comprises at least one dopant.

14. (Currently Amended) The photoelectric conversion device according to claim 1 3, wherein said ~~organic~~ polymeric electrically conducting agent is a hole transporting agent.

15. (Currently Amended) The photoelectric conversion device according to claim 10, wherein said dye is a ruthenium complex.

16. (Currently Amended) The photoelectric conversion device according to claim 1 3, wherein said semiconductor is porous.

17. (Currently Amended) The photoelectric conversion device according to claim 16, wherein said semiconductor comprises nanoparticles, ~~preferably nanoparticles of TiO₂.~~

18-30. (Cancelled).

31. (Currently Amended) ~~Solar~~ A solar cell comprising a photoelectric conversion device according to claim 1 3.

32-62. (Cancelled).

63. (New) The photoelectric conversion device according to claim 17, wherein said nanoparticles are TiO_2 .